



DATE November 7, 2022

ORDERING CONSTRUCTION OF  
INTELLIGENT TRANSPORTATION SYSTEM PHASE 3  
AND FIXING A DATE FOR RECEIVING OF BIDS ON NOVEMBER 15, 2022  
AND PUBLIC HEARING ON DECEMBER 12, 2022  
ENGINEER'S ESTIMATE IS \$2,300,000.00

WHEREAS, this Council deems it advisable and necessary to construct the below referenced improvement, all in accordance with the plans and specifications, and has caused to be prepared plans, specifications, and form of contract, together with estimate of cost, which are now on file in the City Engineer's Office, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa 50309, for public inspection for the construction of said improvements, and said plans, specifications and form of contract are deemed suitable for the making of said improvement, for which the State of Iowa Department of Transportation (IDOT) and the City of Des Moines, (CITY) have an agreement, previously approved by this Council, under which the IDOT has agreed to advertise, receive, open and tabulate sealed bids, and

WHEREAS, before said plans, specifications, form of contract, and estimated cost of the improvement may be approved, and contract for the construction of the improvement entered into, it is necessary to hold a public hearing.

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached communication recommending construction of the following improvement and the method of financing; and also including the recommendation of the Des Moines City Engineer, as the Engineer, submitting plans, specifications, form of contract documents, and Engineer's estimate of cost for the construction of the following improvement:

Intelligent Transportation System Phase 3, 042022010  
STBG-SWAP-1945(865)--SG-77

The improvements include upgrading the communications infrastructure, communications network, traffic signal cabinet/controller and Intelligent Transportation Systems (ITS) equipment of the traffic signal system, removal of sidewalk and driveways, Portland Cement Concrete (PCC) sidewalks, PCC driveways, surface restoration; all in accordance with the contract documents, including Plan File No. 650-001/156 located along Merle Hay Road from Hickman Road to I-35/80, 2nd Avenue from Euclid Avenue to I-35/80, E. 14th Street from E. Euclid Avenue to I-35/80, 63rd Street from I-235 to Hickman Road, Martin Luther King Jr. Parkway from High Street to Euclid Avenue, Douglas Avenue from 62nd Street to Martin Luther King Jr. Parkway, Euclid Avenue from Martin Luther King Jr. Parkway to Cornell Street, Hickman Road from Westover Boulevard to Merle Hay Road, University Avenue from 63rd Street to E. 9th Street, Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$2,300,000.00. The proposed plans, specifications, and form of contract documents are available for public inspection in the Des Moines City Engineer's Office.

BE IT FURTHER RESOLVED: That this Council hereby determines that it is necessary and advisable to construct said improvement in the manner set forth in the plans, specifications, and form of contract documents submitted by the Engineer; and that payment for the cost of said improvement shall be paid from the funding source identified below.



**Roll Call Number**

**Agenda Item Number**

6 D

DATE November 7, 2022

BE IT FURTHER RESOLVED: That a public hearing on said plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement be held in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa, at 5:00 p.m. on December 12, 2022, at which time this Council will consider any objections offered thereto or to the making of said improvement.

BE IT FURTHER RESOLVED: That proposals will be received by the Iowa Department of Transportation, for the construction of said improvements, and the taking of bids in the manner required by law. Proposals received will be opened and tabulated by the Iowa Department of Transportation on November 15, 2022, after which the bids together with a report and recommendation of the City Engineer, will be presented to City Council at its next meeting for action thereon.

BE IT FURTHER RESOLVED: That an appropriate Notice to Bidders for said improvement be posted, and Notice of Public Hearing for said improvement be published in the Des Moines Register, all as provided and directed by Chapter 26 and/or 314, Code of Iowa.

(City Council Communication Number 22-503 attached.)

Moved by \_\_\_\_\_ to adopt. Second by \_\_\_\_\_

FORM APPROVED:

FUNDS AVAILABLE

sl Kathleen Vanderpool

Kathleen Vanderpool  
Deputy City Attorney

Nickolas J. Schaul  
Director of Finance

**SLN**  
*pw*

Funding Source: 2022-23 CIP, Page 174, Traffic System Operation Improvements, TR097, Being: \$1,000,000 (maximum) Surface Transportation Block Grant Program Federal-aid Swap funds being 100% of eligible construction costs under STBG-SWAP-1945(865)--SG-77, and the remaining \$1,300,000 in G.O. Bonds

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
BOESEN				
GATTO				
MANDELBAUM				
SHEUMAKER				
VOSS				
WESTERGAARD				
TOTAL				
MOTION CARRIED				APPROVED

I, Laura Baumgartner, City Clerk of said City Council, hereby certify that at a meeting of the City Council, held on the above date, among other proceedings the above was adopted.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

Mayor

City Clerk

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**CONSTRUCTION ESTIMATE**

DEPARTMENT OF ENGINEERING  
CITY OF DES MOINES, IOWA

Activity ID 04-2022-010

DATE: 10/14/22

**PROJECT: Intelligent Transportation System Phase 3**

NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
0001	2510-6745850	Removal of Pavement	SY	200	\$32.00	\$6,400.00
0002	2511-6745900	Removal of Sidewalk	SY	200	\$32.00	\$6,400.00
0003	2511-7526004	Sidewalk, P.C. Concrete, 4 in.	SY	200	\$105.00	\$21,000.00
0004	2511-7526006	Sidewalk, P.C. Concrete, 6 in.	SY	200	\$110.00	\$22,000.00
0005	2511-7528101	Detectable Warning, Cast Iron	SF	200	\$100.00	\$20,000.00
0006	2512-1725256	Curb and Gutter, P.C. Concrete, 2.5 ft.	LF	200	\$75.00	\$15,000.00
0007	2515-2475008	Driveway, P.C. Concrete, 8 in.	SY	200	\$125.00	\$25,000.00
0008	2515-6745600	Removal of Paved Driveway	SY	200	\$32.00	\$6,400.00
0009	2525-0000100	Traffic Signalization	LS	1	\$2,000,000.00	\$2,000,000.00
0010	2528-8445110	Traffic Control	LS	1	\$22,000.00	\$22,000.00
0011	2529-5070110	Patches, Full Depth Finish, By Area	SY	200	\$275.00	\$55,000.00
0012	2529-5070120	Patches, Full Depth Finish, By Count	EACH	20	\$250.00	\$5,000.00
0013	2530-5070221	Regular Partial Depth Hot Mix Asphalt Finish Patches, By Area	SY	200	\$77.50	\$15,500.00
0014	2533-4980005	Mobilization	LS	1	\$44,550.00	\$44,550.00
0015	2555-0000010	Deliver and Stockpile Salvaged Materials	LS	1	\$2,000.00	\$2,000.00
0016	2595-0005150	Railroad Protective Liability Insurance for Union Pacific Railroad	LS	1	\$10,000.00	\$10,000.00
0017	2599-9999006	('Each' Item) Irrigation System Adjustment	EACH	10	\$275.00	\$2,750.00
0018	2599-9999011	('Lump Sum' Item) Excavation and Grading	LS	1	\$10,000.00	\$10,000.00
0019	2601-2634106	Mulching, Bonded Fiber Matrix	ACRE	0.2	\$30,000.00	\$6,000.00
0020	2601-2636045	Seeding and Fertilizing (Urban)	ACRE	0.2	\$25,000.00	\$5,000.00
0021	2601-2642121	Stabilizing Crop - Seeding and Fertilizing (Urban)	ACRE	0.2	\$25,000.00	\$5,000.00
Prepared By: J Bullock Checked By: _____						<b>TOTAL CONSTRUCTION COST</b> \$2,300,000.00